| Ref<br># | Hits  | Search Query   | DBs   | Default<br>Operator | Plurals | Time<br>Stamp       |
|----------|-------|--|---|---------------------|---------|---------------------|
| L1       | 3930  | circadian  | US-<br>PGPUB;<br>USPAT;<br>USOCR                | ADJ                 | ON      | 2007/05/17<br>09:26 |
| L2       | 4890  | circadian  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/05/17<br>09:27 |
| L3       | 1413  | ((expres\$ or regulat\$) near5 (oscillat\$ or gene)) and circadian | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/05/17<br>10:05 |
| L4       | 1336  | L3 and (mammal\$ or human)   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/05/17<br>09:29 |
| L5       | 1159  | (curve or cosine or signature or phase or amplitude) and L4        | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/05/17<br>09:31 |
| L6       | 1099  | L5 and (cycle or rhythm)   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/05/17<br>09:31 |
| L7       | 12464 | biological near5 (time or clock or pacemaker)                      | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/05/17<br>09:32 |
| L8       | 7644  | biological near3 (time or clock or pacemaker)                      | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/05/17<br>09:32 |
| L9 .     | 91    | L6 and L8  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/05/17<br>09:32 |
| L10      | 73    | L9 and @ay<"2004"  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/05/17<br>09:33 |
| L11      | 1352  | ((expres\$ or regulat\$) near3 (oscillat\$ or gene)) and circadian | US-<br>PGPUB;                                   | ADJ                 | ON      | 2007/05/17<br>10:08 |

|     | 1     | T   | USPAT;               |       |     | I                   |
|-----|-------|---|----------------------|-------|-----|---------------------|
|     |       |   | EPO; JPO;            |       |     |                     |
|     |       |   | DERWENT              |       |     | 1                   |
| L12 | 1261  | L11 and (curve or cosine or signature or                                    | US-                  | ADJ   | ON  | 2007/05/17          |
|     |       | phase or cycle)   | PGPUB;               |       | "   | 10:07               |
|     |       | prices or system  | USPAT;               | 1.    |     |                     |
|     |       |   | EPO; JPO;            |       |     |                     |
|     |       |   | DERWENT              |       |     |                     |
| L13 | 24774 | (((expres\$ or regulat\$) near3 (oscillat\$ or                              | US-                  | ADJ   | ON  | 2007/05/17          |
|     |       | gene)) same (curve or cosine or signature                                   | PGPUB;               |       |     | 10:09               |
|     |       | or phase or cycle))   | USPAT;               |       |     |                     |
|     |       |   | EPO; JPO;            |       |     | İ                   |
| 114 | F47   | ///   | DERWENT              | 403   |     | 2007/05/17          |
| L14 | 547   | (((expres\$ or regulat\$) near3 (oscillat\$ or                              | US-<br>PGPUB;        | ADJ   | ON  | 2007/05/17          |
| {   |       | gene)) same (curve or cosine or signature or phase or cycle)) and circadian | USPAT;               |       |     | 10.51               |
|     |       | or priase or cycle)) and circadian  | EPO; JPO;            |       |     |                     |
|     |       |   | DERWENT              |       |     |                     |
| L15 | 160   | (((expres\$ or regulat\$) near3 (oscillat\$ or                              | US-                  | ADJ   | ON  | 2007/05/17          |
|     |       | gene)) same (curve or cosine or signature                                   | PGPUB;               |       | •   | 10:32               |
|     |       | or phase or cycle)) same circadian  | USPAT;               |       |     |                     |
|     |       |   | EPO; JPO;            |       |     |                     |
|     | ļ     |   | DERWENT              |       |     | 1                   |
| L16 | 149   | ((((expres\$ or regulat\$) near3 (oscillat\$ or                             | US-                  | ADJ   | ON  | 2007/05/17          |
|     |       | gene)) same (curve or cosine or signature                                   | PGPUB;               |       |     | 10:33               |
|     |       | or phase or cycle)) same circadian) and                                     | USPAT;               |       |     |                     |
|     |       | (time or clock or pacemaker)  | EPO; JPO;<br>DERWENT |       |     |                     |
| L17 | 93    | ((((expres\$ or regulat\$) near3 (oscillat\$ or                             | US-                  | ADJ   | ON  | 2007/05/17          |
| /   | 55    | gene)) same (curve or cosine or signature                                   | PGPUB;               | 1,105 |     | 10:33               |
|     |       | or phase or cycle)) same circadian) same                                    | USPAT;               |       |     |                     |
| ŀ   |       | (time or clock or pacemaker)  | EPO; JPO;            |       |     | 1                   |
|     |       |   | DERWENT              |       |     |                     |
| L18 | 530   | (((expres\$ or regulat\$) near3 (oscillat\$ or                              | US-                  | ADJ   | ON  | 2007/05/17          |
|     |       | gene)) same (curve or cosine or signature                                   | PGPUB;               |       |     | 10:36               |
|     |       | or phase or cycle)) and circadian and (time                                 | USPAT;               |       |     |                     |
|     |       | or clock or pacemaker)  | EPO; JPO;            |       |     |                     |
| L19 | 40    | ((((expres\$ or regulat\$) near3 (oscillat\$ or                             | DERWENT<br>US-       | ADJ   | ON  | 2007/05/17          |
|     | '0    | gene)) near5 (change or variation or  | PGPUB;               | נטא   |     | 10:56               |
|     |       | increase or decrease)) same (curve or                                       | USPAT;               |       |     | 10.50               |
|     |       | cosine or signature or phase or cycle)) and                                 | EPO; JPO;            |       |     |                     |
|     |       | circadian and (time or clock or pacemaker)                                  | DERWENT              |       |     |                     |
| L20 | 27    | L19 and @ay<"2004"  | US-                  | ADJ   | ON  | 2007/05/17          |
|     |       |   | PGPUB;               |       |     | 10:40               |
|     |       |   | USPAT;               |       |     |                     |
|     |       |   | EPO; JPO;            |       |     |                     |
| L21 | 9     | ((((expres\$ or regulat\$) near3 (oscillat\$ or                             | DERWENT<br>US-       | ADJ   | ON  | 2007/05/17          |
| LZI | 3     | gene)) near5 (change or variation or  | PGPUB;               | נטא   | 011 | 2007/05/17<br>12:34 |
|     |       | increase or decrease)) same (curve or                                       | USPAT;               |       |     | 12.57               |
|     | 1     | cosine or signature or phase or cycle))                                     | EPO; JPO;            | ·     |     |                     |
|     |       | same circadian  | DERWENT              |       |     |                     |

| L22 | 160 | ((expres\$ or regulat\$) near3 (oscillat\$ or gene)) same (curve or cosine or signature or phase or cycle) same circadian   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | ADJ   | ON | 2007/05/17<br>12:35 |
|-----|-----|---|---|-------|----|---------------------|
| L23 | 149 | (((expres\$ or regulat\$) near3 (oscillat\$ or gene)) same (curve or cosine or signature or phase or cycle) same circadian) and (clock or time or pacemaker)                          | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | ADJ   | ON | 2007/05/17<br>12:43 |
| L24 | 146 | (((expres\$ or regulat\$) near3 (oscillat\$ or gene)) same (curve or cosine or signature or phase or cycle) same circadian) and (clock or time or pacemaker) and (timeseries or time) | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | ADJ   | ON | 2007/05/17<br>12:44 |
| L25 | 2   | (((expres\$ or regulat\$) near3 (oscillat\$ or gene)) same (curve or cosine or signature or phase or cycle) same circadian) and (clock or time or pacemaker) and (timeseries)         | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | ADJ   | ON | 2007/05/17<br>12:45 |
| L26 | 162 | (((expres\$ or regulat\$) near3 (oscillat\$ or gene)) near7 (curve or cosine or signature or phase or cycle) and circadian) and (clock or time or pacemaker)                          | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | ADJ   | ON | 2007/05/17<br>12:47 |
| L27 | 154 | (((expres\$ or regulat\$) near3 (oscillat\$ or gene)) near5 (curve or cosine or signature or phase or cycle) and circadian) and (clock or time or pacemaker)                          | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | ADJ . | ON | 2007/05/17<br>12:47 |
| L28 | 133 | (((expres\$ or regulat\$) near3 (oscillat\$ or gene)) near5 (curve or cosine or phase or cycle) and circadian) and (clock or time or pacemaker)                                       | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | ADJ   | ON | 2007/05/17<br>12:48 |
| L29 | 132 | (((expres\$ or regulat\$) near3 (oscillat\$ or gene)) near5 (curve or cosine or phase or cycle) and circadian) and (clock or time or pacemaker)                                       | US-<br>PGPUB;<br>USPAT;<br>DERWENT              | ADJ   | ON | 2007/05/17<br>12:51 |
| L30 | 37  | (((expres\$ or regulat\$) near3 (oscillat\$ or gene)) near5 (curve or cosine or phase or cycle) and circadian) and (biological near2 (clock or time or pacemaker))                    | US-<br>PGPUB;<br>USPAT;<br>DERWENT              | ADJ   | ON | 2007/05/17<br>12:50 |
| L31 | 130 | ((expres\$ or regulat\$) near3 (oscillat\$ or gene)) near5 (cosine or phase or cycle) and circadian and (clock or time or pacemaker)  | US-<br>PGPUB;<br>USPAT;<br>DERWENT              | ADJ   | ON | 2007/05/17 12:53    |
| L32 | 51  | ((expres\$ or regulat\$) near3 (oscillat\$ or gene)) near5 (cosine or phase or cycle) same circadian same (clock or time or pacemaker)  | US-<br>PGPUB;<br>USPAT;<br>DERWENT              | ADJ   | ON | 2007/05/17<br>12:59 |
| L33 | 33  | (((expres\$ or regulat\$) near3 (oscillat\$ or gene)) near5 (cosine or phase or cycle)  | US-<br>PGPUB;                                   | ADJ   | ON | 2007/05/17<br>13:00 |

EAST Search History

LAR

| _ |                                       |         |  |
|---|---------------------------------------|---------|--|
|   | same circadian) and (biological near3 | USPAT;  |  |
|   | (clock or time or pacemaker))         | DERWENT |  |

## EAST Search History



| Ref<br># | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time<br>Stamp       |
|----------|------|---|---|---------------------|---------|---------------------|
| L1       | 23   | ((expres\$ or regulat\$) near3 (oscillat\$ or gene)) and (cosine or phase or cycle) and circadian and zeitgeber | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/05/17<br>13:44 |
| L2       | 19   | ((expres\$ or regulat\$) near3 (oscillat\$ or gene)) and circadian and zeitgeber and (monitor or evaluate)      | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/05/17<br>13:50 |
| L3       | 2    | ((expres\$ or regulat\$) near3 (oscillat\$ or gene)) same (circadian same (monitor or evaluate)) and zeitgeber  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/05/17<br>13:51 |
| L4       | 0    | ((expres\$ or regulat\$) near3 (oscillat\$ or gene)) and circadian and ((monitor or evaluate) same zeitgeber)   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/05/17<br>13:52 |